

IN THE CLAIMS

Please amend claims 1-12 as follows.

A₂ 1. (Amended) An electrically conductive floor covering based on linoleum, comprising a wear layer, a lower layer, and a backing, wherein the wear layer comprises 0.1% to 5% by weight carbon black or 0.1% to 8% by weight metal powder in relation to the total weight of the wear layer or a combination thereof, wherein the lower layer contains at least one electrically conductive filler material, wherein the electrically conductive filler material includes 1% to 20% by weight carbon black or 1.5% to 40% metal powder in relation to the conductive mixed mass or a combination thereof, and wherein the floor covering has a contact resistance R_1 per EN 1081 (April 1998) of a maximum of $10^7 \Omega$.

2. (Amended) The floor covering according to Claim 1, wherein the lower layer has a thickness of 0.6 mm to 1.4 mm.

3. (Amended) The floor covering according to Claim 1, wherein the wear layer comprises a chemical additive for increasing conductivity.

4. (Amended) The floor covering according to Claim 3, wherein the chemical additive is selected from derivatives of imidazol, imidazolin, benzimidazol, morpholin and mixtures thereof.

5.(Amended) The floor covering according to Claim 1, wherein the wear layer has a bright color.

6. (Amended) The floor covering according to Claim 1, wherein the wear layer has a multicolor pattern.

7. (Amended) The floor covering according to Claim 1, wherein the wear layer has a thickness of 1.4 mm to 3.6 mm.

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8.(Amended) The floor covering according to Claim 1, further including an electrically conductive web arranged on the side of the backing facing away from the lower layer.

9.(Amended) The floor covering according to Claim 8, wherein the electrically conductive web comprises an electrically conductive filler material.

10.(Amended) A method for producing a floor covering based on linoleum according to Claim 1 comprising
applying the lower layer onto the backing; and
forming the wear layer on the lower layer.

11.(Amended) The method according to Claim 10, further including applying a back coating in the form of an electrically conductive web to the back side of the floor covering.

12.(Amended) The method according to Claim 11, wherein the back coating is applied through a press process.